

Product datasheet

Recombinant Human iNOS protein ab135010

1 Image

Description

Product name	Recombinant Human iNOS protein
Purity	> 95 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	P35228
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	133 kDa including tags
Amino acids	2 to 1153
Tags	His-DDDDK tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab135010** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid

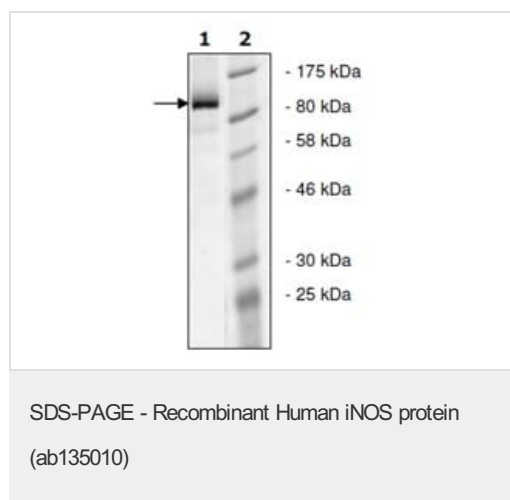
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.017% Potassium chloride, 0.06% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.64% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.65% Sodium chloride
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General Info

Function	Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such COX2.
Tissue specificity	Expressed in the liver, retina, bone cells and airway epithelial cells of the lung. Not expressed in the platelets.
Sequence similarities	Belongs to the NOS family. Contains 1 FAD-binding FR-type domain. Contains 1 flavodoxin-like domain.

Images



10% SDS-PAGE analysis of ab135010 (1 µg), followed by Coomassie staining.
Lane 1: ab135010
Lane 2: MW marker

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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